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SOURCE Ta Kung Pao

CHINESE SCIENTIST DEVELOPS
PHOTOGRAPHIC EMULSION FOR COLOR MAP REPRODUCTION

Nanking -- Comrade Kao Fu-hsiang of the Geographical Research Bureau, China Academy of Sciences, has announced the successful development of a panchromatic emulsion sufficiently sensitive to the full spectrum to be of invaluable use in the color reproduction of maps. The emulsion consists of silver bromide, silver iodide, silver chloride, and silver nitrate, in a collodion base. Although Kao's experiment as a whole is considered basically successful, the registration of gray and black tones remains somewhat unsatisfactory with this emulsion. The application of this emulsion in cartographic reproduction will mean a reduction, to several hours, of the process, which formerly required the services of one person for approximately 23 days, and a saving of 90 percent in expense.

[Kao's development is presumably a black-and-white emulsion for use in some color-separation process.]

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SECURITY INFORMATION

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